



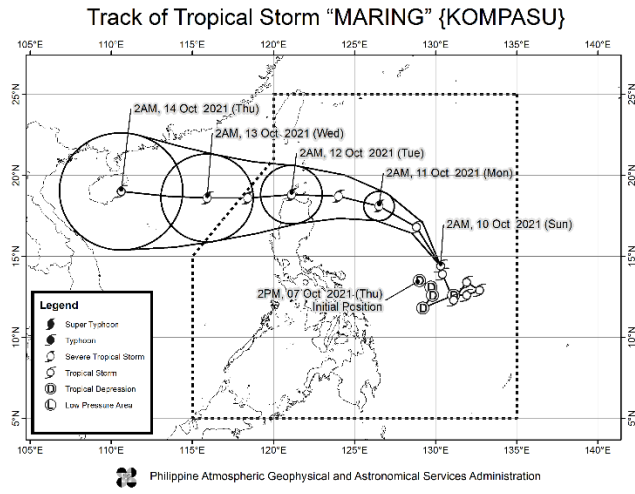
TROPICAL CYCLONE BULLETIN NO. 11
Tropical Storm "MARING" (KOMPASU)

Issued at 5:00 AM, 10 October 2021

Valid for broadcast until the next bulletin at 11:00 AM today

TROPICAL STORM "MARING" CONTINUES TO ASSIMILATE THE REMNANT LOW OF "NANDO"

Location of Center (4:00 AM)
The center of Tropical Storm "MARING" was estimated based on all available data 665 km East of Virac, Catanduanes (14.5°N, 130.3°E)
Intensity
Maximum sustained winds of 85 km/h near the center, gustiness of up to 105 km/h , and central pressure of 992 hPa
Present Movement
Northward at 10 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 750 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 10 October 2021	16.8	128.8	715 km East of Casiguran, Aurora	85	TS	NNW 25
24-Hour Forecast 2:00 AM 11 October 2021	18.1	126.5	515 km East of Aparri, Cagayan	95	STS	WNW 25
36-Hour Forecast 2:00 PM 11 October 2021	18.7	124.0	250 km East of Aparri, Cagayan	95	STS	WNW 25
48-Hour Forecast 2:00 AM 12 October 2021	18.8	121.1	Over the coastal waters of Aparri (Fuga Is.), Cagayan	100	STS	W 25
60-Hour Forecast 2:00 PM 12 October 2021	18.6	118.4	235 km West of Laoag City, Ilocos Norte	100	STS	W 25
72-Hour Forecast 2:00 AM 13 October 2021	18.6	115.9	500 km West of Laoag City, Ilocos Norte (outside the PAR)	95	STS	W 20
96-Hour Forecast 2:00 AM 13 October 2021	19.0	110.6	1,145 km West of Extreme Northern Luzon (outside the PAR)	85	TS	W 25

Prepared by: RPG

Checked by: SFD



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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 (Strong winds prevailing or expected within 36 hours)	Catanduanes, Batanes, Cagayan including Babuyan Islands, and the northeastern portion of Isabela (<i>Santa Maria, Cabagan, Tumauni, San Pablo, Maconacon, Divilacan, Palanan, Ilagan City, San Mariano</i>)	Eastern Samar, the eastern portion of Northern Samar (<i>San Roque, Pambujan, Las Navas, Catubig, Laoang, Mapanas, Lapinig, Gamay, Palapag, Mondragon, Silvino Lobos</i>), and the eastern portion of Samar (<i>Matuguinao, San Jose de Buan, Hinabangan, Paranas</i>)	Dinagat Islands and Surigao del Norte

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- The gradual enhancement of the southwesterlies may bring rains over Western Visayas, Palawan, and Occidental Mindoro. For more information, refer to Weather Advisory #1 issued at 11:00 PM yesterday and the 24-Hour Public Weather Forecast at 4:00 AM today.
- In the next 24 hours, moderate to heavy rains due to the tropical storm are possible over Eastern Samar and Catanduanes. Furthermore, light to moderate with at times heavy rains are also possible over Bicol Region, Caraga Region, and the rest of Visayas. Under these conditions, isolated to scattered flash floods and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps

Severe Winds

- Strong winds (strong breeze to near gale conditions) with higher gusts are prevailing in areas where Tropical Cyclone Wind Signal (TCWS) #1 is currently in effect. This may generally bring up to very light damage to structures and vegetation.
- Due to the expansive wind field of the tropical storm and the gradual enhancement of the southwesterlies and northeasterlies, occasionally gusts reaching strong breeze to near gale in strength are possible in the next 24 hours over the coastal and upland/mountain areas of Extreme Northern Luzon, MIMAROPA, Bicol Region, Visayas, Caraga Region, and Northern Mindanao that are not under TCWS.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of Tropical Storm "MARING" and the northeasterly wind flow, a Gale Warning is in effect for eastern seaboard of the country. For more information, refer to Gale Warning #4 issued at 5:00 AM today.
- In the next 24 hours, moderate to rough seas will prevail the remaining seaboard of Luzon and Visayas, and the northern seaboard of Mindanao. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- The merger event between Tropical Storm "MARING" and the remnant low pressure area of "NANDO" will likely be completed in the next 6 to 12 hours. Afterwards, the merger cyclone is forecast to gradually intensify within the forecast period. It may be upgraded to severe tropical storm category within the next 24 to 36 hours.
- In the next 12 hours, the tropical storm is forecast to accelerate and move north northwestward over the Philippine Sea, notwithstanding the possibility of short-term erratic motion as it assimilates the circulation of "NANDO". Afterwards, the storm will turn and move west northwestward towards Extreme Northern Luzon. On the forecast track, "MARING" is forecast to move over the Luzon Strait and pass close or over the Babuyan Islands between tomorrow evening and Tuesday morning. However, the possibility of a landfall over mainland Luzon is not ruled out at this time. Afterwards, the storm is forecast to move generally westward over the West Philippine Sea beginning Tuesday through the remainder of the forecast period.

Prepared by:  **RPG**

Checked by:  **SFD**



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical
Services Administration (PAGASA)
Weather Division



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Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless superseded by an intermediate bulletin the next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

Prepared by:  RPG

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